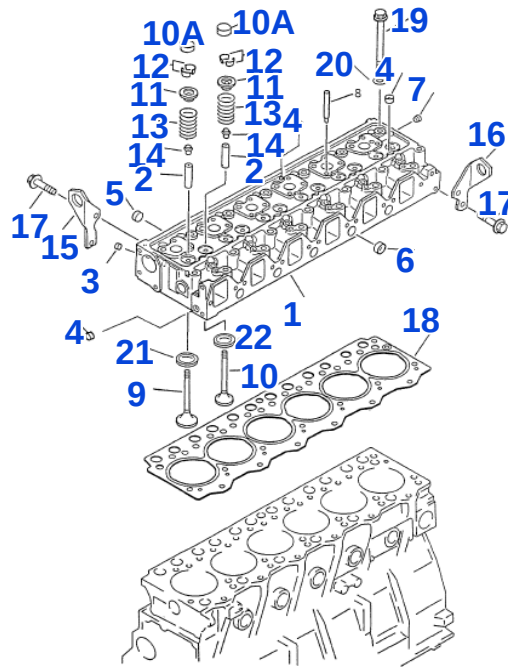


Fig. 102 CYLINDER HEAD (W)



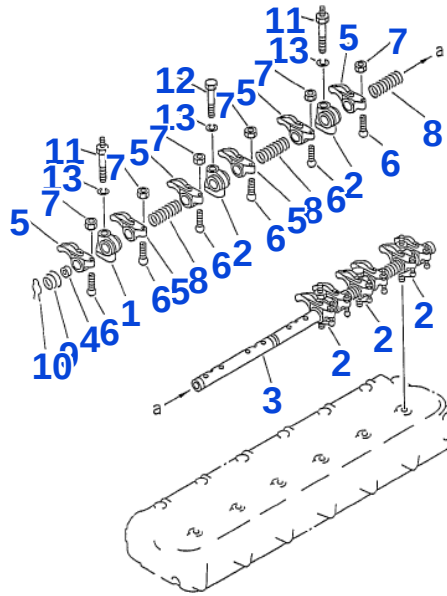
Reference: A-01

### A-01 FIG.102 CYLINDER HEAD - 6D105-1

| Item                                      | Part No.     | Part Name                          | Qty | Options |
|-------------------------------------------|--------------|------------------------------------|-----|---------|
|                                           | 6136-12-1200 | CYLINDER HEAD ASSY, LESS VALVE     | 1   |         |
| 1                                         | *            | • HEAD, CYLINDER (6136-12- 1120)   | 1   |         |
| 2                                         | 6136-11-1130 | • SLEEVE, HOLDER                   | 6   |         |
| 3                                         | 6136-12-1310 | • SEAT, INTAKE VALVE (STD          | 6   |         |
|                                           | 6136-19-1410 | • SEAT, INTAKE VALVE, 0.25MM (OS)  | 6   |         |
|                                           | 6136-18-1410 | • SEAT, INTAKE VALVE, 0.50MM (OS)  | 6   |         |
|                                           | 6136-17-1410 | • SEAT, INTAKE VALVE, 0.75MM (OS)  | 6   |         |
|                                           | 6136-16-1410 | • SEAT, INTAKE VALVE, 1.00MM (OS)  | 6   |         |
| 4                                         | 6136-12-1320 | • SEAT, EXHAUST VALVE (STD)        | 6   |         |
|                                           | 6136-19-1420 | • SEAT, EXHAUST VALVE, 0.25MM (OS) | 6   |         |
|                                           | 6136-18-1420 | • SEAT, EXHAUST VALVE, 0.50MM (OS) | 6   |         |
|                                           | 6136-17-1420 | • SEAT, EXHAUST VALVE, 0.75MM (OS) | 6   |         |
|                                           | 6136-16-1420 | • SEAT, EXHAUST VALVE, 1.00MM (OS) | 6   |         |
| 5                                         | 6136-19-1430 | • GUIDE, VALVE                     | 12  |         |
| 6                                         | 07046-42816  | • PLUG                             | 13  |         |
| 7                                         | 07046-44016  | • PLUG                             | 9   |         |
| 8                                         | 07043-50108  | • PLUG                             | 7   |         |
| 9                                         | 6136-42-4110 | VALVE, INTAKE                      | 6   |         |
| 10                                        | 6136-42-4210 | VALVE, EXHAUST                     | 6   |         |
| 11                                        | 6136-42-4410 | SPRING, VALVE                      | 12  |         |
| 12                                        | 6136-42-4510 | GUIDE, SPRING                      | 12  |         |
| 13                                        | 6136-42-4520 | COTTER, VALVE                      | 24  |         |
| 14                                        | 6136-41-4530 | SEAT, SPRING                       | 12  |         |
| 15                                        | 6136-11-1813 | GASKET, HEAD (K1)                  | 1   |         |
| 16                                        | 6136-12-1610 | BOLT, HEAD                         | 26  |         |
| 17                                        | 6136-11-1910 | HANGER, FRONT                      | 1   |         |
| 18                                        | 6136-11-1821 | GASKET (K1)                        | 1   |         |
| 19                                        | 6136-11-1920 | HANGER, REAR                       | 1   |         |
| 20                                        | 01435-01025  | BOLT (UL SPEC.)                    | 2   |         |
|                                           | 01435-01020  | BOLT (STD)                         | 2   |         |
| F1 - SUPPLIED AS A SET, NOT INDIVIDUALLY. |              |                                    |     |         |

Reference: A-01

FIG. 103 ROCKER ARM



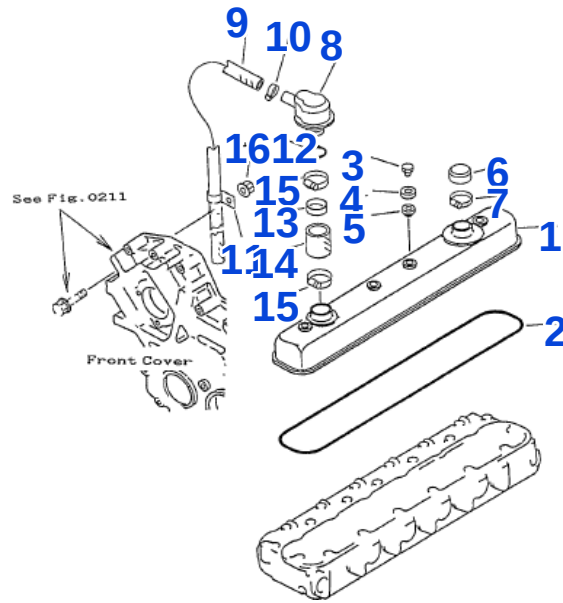
Reference: A-02

**A-02 FIG.103 ROCKER ARM - 6D105-1**

| Item                                      | Part No.     | Part Name               | Qty | Options |
|-------------------------------------------|--------------|-------------------------|-----|---------|
|                                           | 6138-42-5100 | ROCKER ARM ASSY         | 1   |         |
| 1                                         | 6138-42-5110 | • BRACKET, ROCKER ARM   | 1   |         |
| 2                                         | 6138-42-5120 | • BRACKET, ROCKER ARM   | 5   |         |
|                                           | 6138-42-5020 | • ROCKER ARM SHAFT ASSY | 1   |         |
| 3                                         | *            | ..SHAFT (6138-42-5210)  | 1   |         |
| 4                                         | *            | PLUG (6142-42-5550)     | 2   |         |
| 5                                         | 6136-42-5130 | • ARM, ROCKER           | 12  |         |
| 6                                         | 6136-42-5140 | • SCREW, ADJUST         | 12  |         |
| 7                                         | 01580-00806  | • NUT, LOCK             | 12  |         |
| 8                                         | 6136-41-5310 | • SPRING                | 5   |         |
| 9                                         | 6136-41-5320 | • SPRING, CONICAL       | 2   |         |
| 10                                        | 6136-41-5330 | • CLIP                  | 2   |         |
| 11                                        | 6136-41-5131 | STUD                    | 4   |         |
| 12                                        | 01010-31280  | BOLT                    | 2   |         |
| 13                                        | 01602-01236  | WASHER, SPRING          | 6   |         |
| F1 - SUPPLIED AS A SET, NOT INDIVIDUALLY. |              |                         |     |         |

Reference: A-02

FIG. 105 CYLINDER HEAD COVER



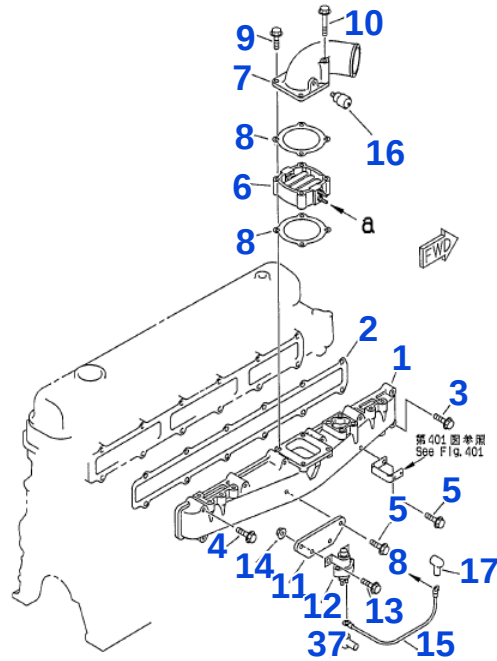
Reference: A-03

### A-03 FIG.105 CYLINDER HEAD COVER - 6D105-1

| Item | Part No.     | Part Name             | Qty | Options |
|------|--------------|-----------------------|-----|---------|
| 1    | 6136-11-8112 | COVER, HEAD           | 1   |         |
| 2    | 6136-11-8814 | O-RING (K1)           | 1   |         |
| 3    | 6134-11-8120 | NUT                   | 4   |         |
| 4    | 6136-11-8130 | WASHER                | 4   |         |
| 5    | 6136-11-8142 | PACKING (STD) (K1)    | 4   |         |
| 6    | 6136-11-8630 | CAP, OIL FILLER (STD) | 1   |         |
| 7    | 07281-00609  | CLAMP                 | 1   |         |
| 8    | 6150-21-6750 | BREATHER              | 1   |         |
| 9    | 6136-11-8851 | HOSE, BREATHER        | 1   |         |
| 10   | 07285-00230  | CLAMP                 | 1   |         |
| 11   | 6600-01-5950 | CLAMP                 | 1   |         |
| 12   | 6114-21-5190 | O-RING (K1)           | 1   |         |
| 13   | 6136-11-8640 | TUBE                  | 1   |         |
| 14   | 6131-12-8970 | HOSE                  | 1   |         |
| 15   | 07281-00709  | CLAMP                 | 2   |         |
| 16   | 01584-00806  | NUT                   | 1   |         |

Reference: A-03

FIG. 111 AIR INTAKE MANIFOLD AND CONNECTION



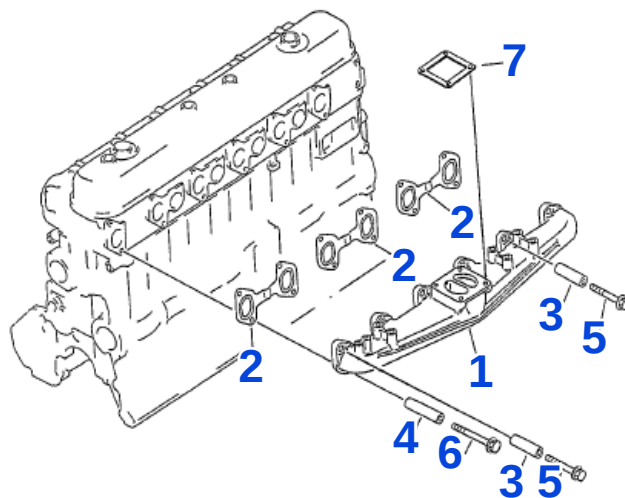
Reference: A-04

**A-04 FIG.111 AIR INTAKE MANIFOLD AND CONNECTION - 6D105-1**

| Item | Part No.     | Part Name        | Qty | Options |
|------|--------------|------------------|-----|---------|
| 1    | 6136-12-4120 | MANIFOLD, INTAKE | 1   |         |
| 2    | 6136-11-4811 | GASKET (K1)      | 1   |         |
| 3    | 01435-00845  | BOLT             | 2   |         |
| 4    | 01435-00860  | BOLT             | 7   |         |
| 5    | 01435-00865  | BOLT             | 3   |         |
| 6    | 600-815-2341 | HEATER, RIBBON   | 1   |         |
| 7    | 6136-11-4380 | CONNECTOR, AIR   | 1   |         |
| 8    | 6136-11-4820 | GASKET (K1)      | 2   |         |
| 9    | 1435-20865   | BOLT             | 2   |         |
| 10   | 6222-11-4910 | BOLT             | 2   |         |
| 11   | 6136-81-4111 | PLATE            | 1   |         |
| 12   | 600-815-2170 | SWITCH, HEATER   | 1   |         |
| 13   | 01435-00614  | BOLT             | 2   |         |
| 14   | 01584-00605  | NUT              | 2   |         |
| 15   | 6136-81-4340 | WIRE             | 1   |         |
| 16   | 08670-02001  | INDICATOR, DUST  | 1   |         |
| 17   | 6162-83-4970 | CAP              | 2   |         |

Reference: A-04

FIG. 122 EXHAUST MANIFOLD



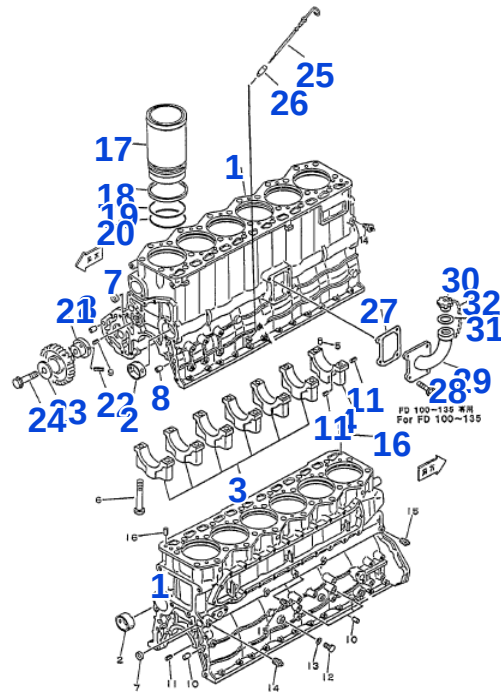
Reference: A-05

### A-05 FIG.122 EXHAUST MANIFOLD - 6D105-1

| Item | Part No.     | Part Name         | Qty | Options |
|------|--------------|-------------------|-----|---------|
| 1    | 6136-11-5113 | MANIFOLD, EXHAUST | 1   |         |
| 2    | 6136-11-5810 | GASKET (K1)       | 3   |         |
| 3    | 6136-11-5120 | SPACER            | 11  |         |
| 4    | 6112-21-6960 | SPACER            | 1   |         |
| 5    | 01436-01000  | BOLT              | 11  |         |
| 6    | 01435-01060  | BOLT              | 1   |         |
| 7    | 6131-15-5350 | GASKET (K1)       | 1   |         |

Reference: A-05

FIG. 201 CYLINDER BLOCK



Reference: A-06

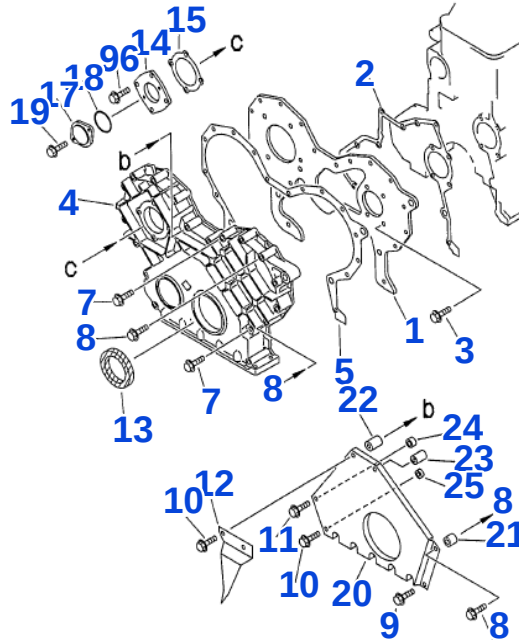
## A-06 FIG.201 CYLINDER BLOCK - 6D105-1

| Item | Part No.     | Part Name                        | Qty | Options |
|------|--------------|----------------------------------|-----|---------|
|      | 6136-22-1021 | CYLINDER BLOCK ASSY              | 1   |         |
| 1    | *            | • BLOCK, CYLINDER (6136-22-1111) | 1   |         |
| 2    | 6136-21-1410 | • BUSHING, CAM                   | 4   |         |
| 3    | 6136-29-1210 | • CAP, MAIN METAL                | 6   |         |
| 4    | 6136-29-1220 | • CAP, MAIN METAL                | 1   |         |
| 5    | 04020-00514  | • PIN, DOWEL                     | 2   |         |
| 6    | 6136-22-1710 | • BOLT, MAIN CAP                 | 14  |         |
| 7    | 6130-11-1420 | • PLUG, EXTENSION                | 2   |         |
| 8    | 6136-21-1911 | • PIN, DOWEL                     | 2   |         |
| 9    | 04025-00512  | • PIN, SPRING                    | 1   |         |
| 10   | 04020-01228  | • PIN, DOWEL                     | 4   |         |
| 11   | 04025-00408  | • PIN, SPRING                    | 6   |         |
| 12   | 07040-11209  | • PLUG                           | 2   |         |
| 13   | 07005-01212  | • GASKET (K2)                    | 2   |         |
| 14   | 07043-50211  | • PLUG                           | 2   |         |
| 15   | 07043-50108  | • PLUG                           | 2   |         |
| 16   | 04025-00820  | • PIN, SPRING                    | 2   |         |
| 17   | 6136-21-2210 | LINER, CYLINDER                  | 6   |         |
| 18   | 6136-21-2220 | SEAL, CREVICE (K2)               | 6   |         |
| 19   | 6136-21-2230 | O-RING, UPPER (K2)               | 6   |         |
| 20   | 6136-21-2240 | O-RING, LOWER (K2)               | 6   |         |
| 21   | 6136-21-2410 | SHAFT, IDLER                     | 1   |         |
| 22   | 04025-00316  | PIN, SPRING                      | 1   |         |
| 23   | 6204-31-6350 | WASHER                           | 1   |         |
| 24   | 01435-01280  | BOLT                             | 1   |         |
| 25   | 6136-21-5530 | GAUGE                            | 1   |         |
| 26   | 6136-21-5410 | GUIDE                            | 1   |         |
| 27   | 6136-21-7811 | GASKET (K2)                      | 1   |         |
| 28   | 01435-01025  | BOLT                             | 4   |         |
|      | 6136-21-7100 | OIL FILLER ASSY                  | 1   |         |
| 29   | 6136-21-7111 | • FILLER, OIL                    | 1   |         |
| 30   | 6136-21-7120 | • CAP, OIL FILLER                | 1   |         |
| 31   | 6136-21-7180 | • • GASKET                       | 1   |         |
| 32   | 6136-21-7190 | • CHAIN                          | 1   |         |

| Item | Part No. | Part Name                                                                                                                                         | Qty | Options |
|------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------|
|      |          | F1 - SUPPLIED AS A SET, NOT INDIVIDUALLY.<br>F2 - THIS PART IS SUPPLIED SEMIFINISHED.<br>THE PART LISTED IN THE LINE ABOVE CAN BE<br>SUBSTITUTED. |     |         |

Reference: A-06

FIG. 211 FRONT COVER



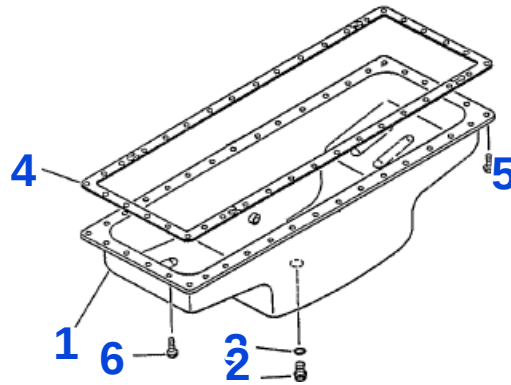
Reference: A-07

**A-07 FIG.211 FRONT COVER - 6D105-1**

| Item | Part No.     | Part Name                | Qty | Options |
|------|--------------|--------------------------|-----|---------|
| 1    | 6136-21-3140 | PLATE, FRONT             | 1   |         |
| 2    | 6136-21-3821 | GASKET, PLATE (K2)       | 1   |         |
| 3    | 01435-00820  | BOLT                     | 4   |         |
| 4    | 6136-21-3111 | COVER, FRONT             | 1   |         |
| 5    | 6136-21-3812 | GASKET, FRONT COVER (K2) | 1   |         |
| 6    | 01435-00855  | BOLT                     | 8   |         |
| 7    | 01435-00865  | BOLT                     | 4   |         |
| 8    | 01435-00875  | BOLT                     | 1   |         |
| 9    | 01435-00885  | BOLT                     | 1   |         |
| 10   | 01435-00895  | BOLT                     | 3   |         |
| 11   | 01435-00895  | BOLT                     | 1   |         |
| 12   | 6136-21-3320 | POINTER                  | 1   |         |
| 13   | 6136-21-3510 | SEAL, FRONT (K2)         | 1   |         |
| 14   | 6221-81-5910 | PLATE                    | 1   |         |
| 15   | 6221-81-5980 | GASKET (K2)              | 1   |         |
| 16   | 01435-20820  | BOLT                     | 4   |         |
| 17   | 6144-81-5151 | COVER                    | 1   |         |
| 18   | 07000-03050  | O-RING (K2)              | 1   |         |
| 19   | 01435-20612  | BOLT                     | 2   |         |
| 20   | 6136-21-3410 | COVER                    | 1   |         |
| 21   | 6152-11-4970 | SPACER                   | 1   |         |
| 22   | 6206-81-6850 | SPACER                   | 1   |         |
| 23   | 6126-53-1730 | SPACER                   | 1   |         |
| 24   | 6131-12-5920 | SPACER                   | 1   |         |
| 25   | 6130-12-1961 | SPACER                   | 1   |         |

Reference: A-07

FIG. 216 OIL PAN



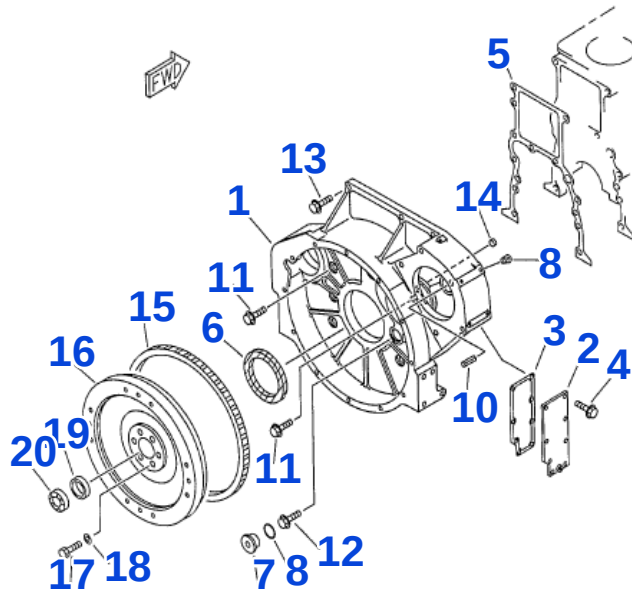
Reference: A-08

**A-08 FIG.216 OIL PAN - 6D105-1**

| Item | Part No.     | Part Name            | Qty | Options |
|------|--------------|----------------------|-----|---------|
| 1    | 6136-21-5140 | PAN, OIL             | 1   |         |
| 2    | 6130-22-5190 | PLUG, DRAIN          | 1   |         |
| 3    | 07000-03022  | O-RING (K2)          | 1   |         |
| 4    | 6136-21-5810 | GASKET, OIL PAN (K2) | 1   |         |
| 5    | 01435-00820  | BOLT                 | 30  |         |
| 6    | 01435-00820  | BOLT                 | 8   |         |

Reference: A-08

FIG. 222 FLYWHEEL AND FLYWHEEL HOUSING



Reference: A-09

**A-09 FIG.222 FLYWHEEL AND FLYWHEEL HOUSING - 6D105-1**

| Item | Part No.     | Part Name                 | Qty | Options |
|------|--------------|---------------------------|-----|---------|
| 1    | 6136-21-4250 | HOUSING, FLYWHEEL         | 1   |         |
| 2    | 6136-21-4990 | COVER                     | 1   |         |
| 3    | 6136-21-4890 | GASKET (K2)               | 1   |         |
| 4    | 01435-00816  | BOLT                      | 8   |         |
| 5    | 6136-21-4812 | GASKET (K2)               | 1   |         |
| 6    | 6130-22-4231 | SEAL, OIL (K2)            | 1   |         |
| 7    | 6136-21-4930 | PLUG                      | 2   |         |
| 8    | 07002-03334  | O-RING (K2)               | 2   |         |
| 9    | 07043-70108  | PLUG                      | 2   |         |
| 10   | 04025-00308  | PIN, SPRING               | 1   |         |
| 11   | 01435-01285  | BOLT                      | 7   |         |
| 12   | 01435-01225  | BOLT                      | 2   |         |
| 13   | 01435-01235  | BOLT                      | 2   |         |
| 14   | 07046-21210  | PLUG                      | 2   |         |
| 15   | 6136-31-1150 | FLYWHEEL ASSY             | 1   |         |
| 16   | 6130-32-1321 | • GEAR                    | 1   |         |
| 17   | *            | • FLYWHEEL (6136-31-1250) | 1   |         |
| 18   | 01050-31495  | BOLT                      | 6   |         |
| 19   | 6110-11-1620 | WASHER                    | 6   |         |
| 20   | 6136-31-4850 | SPACER                    | 1   |         |
| 21   | 06002-06304  | BEARING                   | 1   |         |

F1 - SUPPLIED AS A SET, NOT INDIVIDUALLY.

Reference: A-09

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